Modern JavaScript Applications

By Narayan Prusty

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Key Features

- Explore the new features of ECMAScript 6 and how they can be incorporated to build cutting edge web applications
- Learn about modern web architectures and build real-world apps on top of them
- Make use of modern JavaScript tools, techniques and frameworks to enhance your web development skills

Book Description

Over the years, JavaScript has taken significant strides in the world of modern web development to enhance the development of a wide range of applications with different architectures. This book explores the advanced and new features that have arrived in JavaScript and how they can be applied to develop high-quality applications with different architectures.

The book begins by covering a single page application that builds on the innovative MVC approach using AngularJS. As we move forward, the book shows you how to develop an enterprise-level application with the microservices architecture, using Node to build web services. We then focus on network programming concepts and you'll build a real-time web application with websockets.

When you've gained a solid grip on the different architectures, we'll move on to the area where JavaScript shines, that is, UI development. You'll learn to build responsive, declarative UIs with React and Bootstrap. As we near the end of this book, you'll see how the performance of web applications can be enhanced using Functional Reactive Programming (FRP). Along the way, the book also explores how the power of JavaScript can be increased multi-fold.

After reading this book, you will have a solid knowledge of the latest JavaScript techniques, tools, and architecture to build modern web apps.

What you will learn

- Learn to create single page websites
- Gain expertise in responsive and dynamic website design
- Enable Real-time communications between client-client and client-server/server-client

- Create APIs for large-scale applications
- Write complete applications using functional reactive programming

About the Author

Narayan Prusty is a full-stack developer. He works as a consultant for various startups around the world. He has worked on various technologies and programming languages but is very passionate about JavaScript, WordPress, Ethereum, Solr, React, Cordova, MongoDB, and AWS.

Apart from consulting for various startups, he also runs a blog titled QNimate (http://qnimate.com) and a video-tutorial site titled QScutter (http://qscutter. com), where he shares information about a lot of the technologies he works on. Previously, he wrote a book titled Learning ECMAScript 6, which was published by Packt Publishing.

You can reach Narayan on LinkedIn (https://in.linkedin.com/in/narayanprusty).

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Editorial Review

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Users Review

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Patricia Ables:

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